

FIG. 1

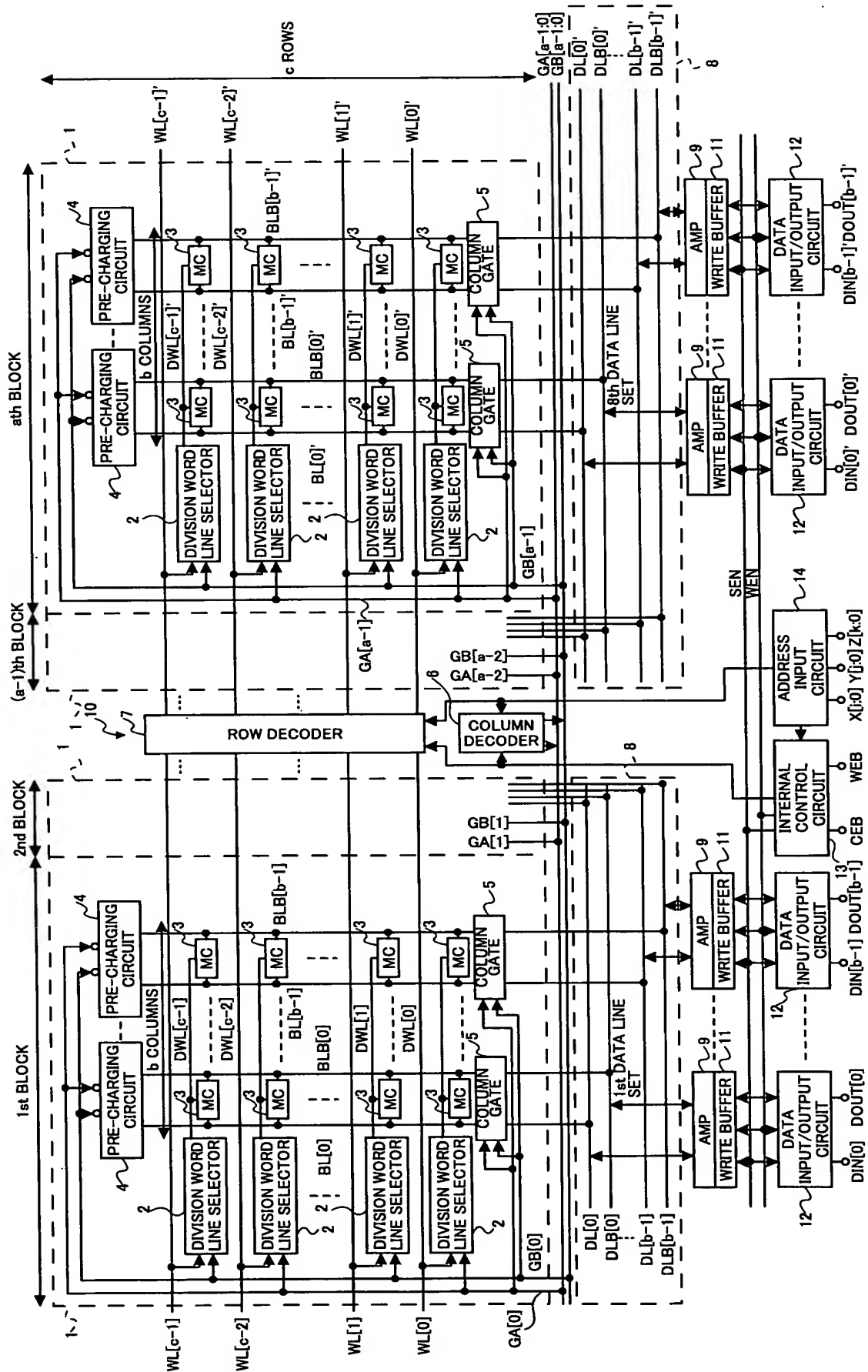


FIG.2

X ADDRESS																
11	(0, 0, 3)	(0, 1, 3)	(0, 2, 3)	(0, 3, 3)	(1, 0, 3)	(1, 1, 3)	(1, 2, 3)	(1, 3, 3)	(2, 0, 3)	(2, 1, 3)	(2, 2, 3)	(2, 3, 3)	(3, 0, 3)	(3, 1, 3)	(3, 2, 3)	(3, 3, 3)
10	(0, 0, 2)	(0, 1, 2)	(0, 2, 2)	(0, 3, 2)	(1, 0, 2)	(1, 1, 2)	(1, 2, 2)	(1, 3, 2)	(2, 0, 2)	(2, 1, 2)	(2, 2, 2)	(2, 3, 2)	(3, 0, 2)	(3, 1, 2)	(3, 2, 2)	(3, 3, 2)
01	(0, 0, 1)	(0, 1, 1)	(0, 2, 1)	(0, 3, 1)	(1, 0, 1)	(1, 1, 1)	(1, 2, 1)	(1, 3, 1)	(2, 0, 1)	(2, 1, 1)	(2, 2, 1)	(2, 3, 1)	(3, 0, 1)	(3, 1, 1)	(3, 2, 1)	(3, 3, 1)
00	(0, 0, 0)	(0, 1, 0)	(0, 2, 0)	(0, 3, 0)	(1, 0, 0)	(1, 1, 0)	(1, 2, 0)	(1, 3, 0)	(2, 0, 0)	(2, 1, 0)	(2, 2, 0)	(2, 3, 0)	(3, 0, 0)	(3, 1, 0)	(3, 2, 0)	(3, 3, 0)

Y ADDRESS	00	01	10	11	00	01	10	11	00	01	10	11	00	01	10	11
Z ADDRESS	00				01				10				11			

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FIG.4A

$(z, y, x) = (0, 0, 0)$

(z, y, x)	ROW DECODER						
	①	④	⑤	②	③	⑥	⑦
	(0, 2, 2)(2, 2, 2)(0, 2, 3)(2, 2, 3)(1, 2, 2)(3, 2, 2)(1, 2, 3)(3, 2, 3)			(0, 3, 2)(2, 3, 2)(0, 3, 3)(2, 3, 3)(1, 3, 2)(3, 3, 2)(1, 3, 3)(3, 3, 3)			
	(0, 2, 0)(2, 2, 0)(0, 2, 1)(2, 2, 1)(1, 2, 0)(3, 2, 0)(1, 2, 1)(3, 2, 1)			(0, 3, 0)(2, 3, 0)(0, 3, 1)(2, 3, 1)(1, 3, 0)(3, 3, 0)(1, 3, 1)(3, 3, 1)			
(0, 0, 2)(2, 0, 2)(0, 0, 3)(2, 0, 3)(1, 0, 2)(3, 0, 2)(1, 0, 3)(3, 0, 3)				(0, 1, 2)(2, 1, 2)(0, 1, 3)(2, 1, 3)(1, 1, 2)(3, 1, 2)(1, 1, 3)(3, 1, 3)			
(0, 0, 0)(2, 0, 0)(0, 0, 1)(2, 0, 1)(1, 0, 0)(3, 0, 0)(1, 0, 1)(3, 0, 1)				(0, 1, 0)(2, 1, 0)(0, 1, 1)(2, 1, 1)(1, 1, 0)(3, 1, 0)(1, 1, 1)(3, 1, 1)			

FIG.4B

$(z, y, x) = (1, 1, 0)$

(z, y, x)	ROW DECODER						
	⑥	⑦	②	③	④	⑤	①
	(0, 2, 2)(2, 2, 2)(0, 2, 3)(2, 2, 3)(1, 2, 2)(3, 2, 2)(1, 2, 3)(3, 2, 3)			(0, 3, 2)(2, 3, 2)(0, 3, 3)(2, 3, 3)(1, 3, 2)(3, 3, 2)(1, 3, 3)(3, 3, 3)			
	(0, 2, 0)(2, 2, 0)(0, 2, 1)(2, 2, 1)(1, 2, 0)(3, 2, 0)(1, 2, 1)(3, 2, 1)			(0, 3, 0)(2, 3, 0)(0, 3, 1)(2, 3, 1)(1, 3, 0)(3, 3, 0)(1, 3, 1)(3, 3, 1)			
(0, 0, 2)(2, 0, 2)(0, 0, 3)(2, 0, 3)(1, 0, 2)(3, 0, 2)(1, 0, 3)(3, 0, 3)				(0, 1, 2)(2, 1, 2)(0, 1, 3)(2, 1, 3)(1, 1, 2)(3, 1, 2)(1, 1, 3)(3, 1, 3)			
(0, 0, 0)(2, 0, 0)(0, 0, 1)(2, 0, 1)(1, 0, 0)(3, 0, 0)(1, 0, 1)(3, 0, 1)				(0, 1, 0)(2, 1, 0)(0, 1, 1)(2, 1, 1)(1, 1, 0)(3, 1, 0)(1, 1, 1)(3, 1, 1)			

FIG.4C

 $(z, y, x) = (2, 2, 1)$

(z, y, x)	ROW DECODER									
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
	(0, 2, 2)	(2, 2, 3)	(2, 2, 3)	(1, 2, 2)	(3, 2, 2)	(1, 2, 3)	(3, 2, 3)	(0, 3, 2)	(2, 3, 2)	(0, 3, 3)
	(0, 2, 0)	(2, 2, 0)	(2, 2, 1)	(1, 2, 0)	(3, 2, 0)	(1, 2, 1)	(3, 2, 1)	(0, 3, 0)	(2, 3, 0)	(0, 3, 1)
(0, 0, 2)	(2, 0, 2)	(0, 0, 3)	(2, 0, 3)	(1, 0, 2)	(3, 0, 2)	(1, 0, 3)	(3, 0, 3)	(0, 1, 2)	(2, 1, 2)	(0, 1, 3)
(0, 0, 0)	(2, 0, 0)	(0, 0, 1)	(2, 0, 1)	(1, 0, 0)	(3, 0, 0)	(1, 0, 1)	(3, 0, 1)	(0, 1, 0)	(2, 1, 0)	(0, 1, 1)

FIG.4D

 $(z, y, x) = (1, 1, 1)$

(z, y, x)	ROW DECODER									
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
	(0, 2, 2)	(2, 2, 3)	(2, 2, 3)	(1, 2, 2)	(3, 2, 2)	(1, 2, 3)	(3, 2, 3)	(0, 3, 2)	(2, 3, 2)	(0, 3, 3)
	(0, 2, 0)	(2, 2, 0)	(2, 2, 1)	(1, 2, 0)	(3, 2, 0)	(1, 2, 1)	(3, 2, 1)	(0, 3, 0)	(2, 3, 0)	(0, 3, 1)
(0, 0, 2)	(2, 0, 2)	(0, 0, 3)	(2, 0, 3)	(1, 0, 2)	(3, 0, 2)	(1, 0, 3)	(3, 0, 3)	(0, 1, 2)	(2, 1, 2)	(0, 1, 3)
(0, 0, 0)	(2, 0, 0)	(0, 0, 1)	(2, 0, 1)	(1, 0, 0)	(3, 0, 0)	(1, 0, 1)	(3, 0, 1)	(0, 1, 0)	(2, 1, 0)	(0, 1, 1)

FIG.5

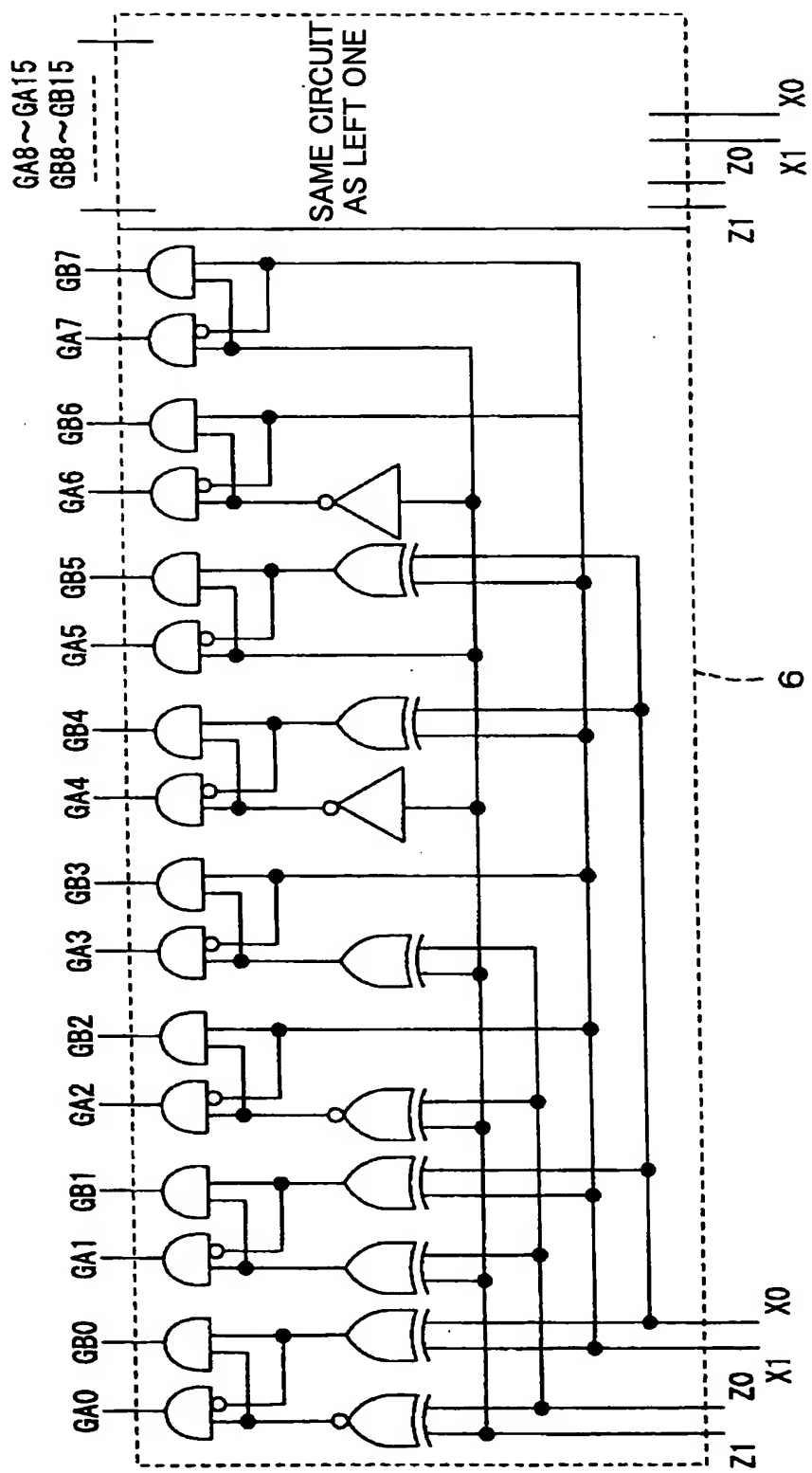


FIG. 6

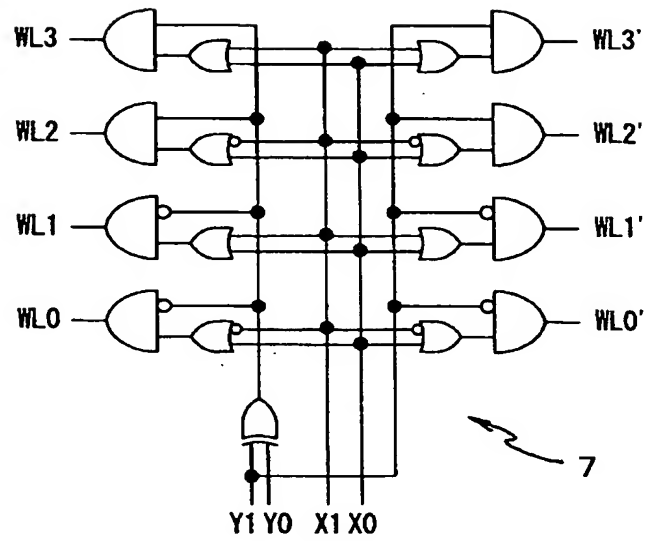


FIG.7

X ADDRESS															
100	(0, 0, 4)	(0, 1, 4)	(0, 2, 4)	(0, 3, 4)	(0, 4, 4)	(1, 0, 4)	(1, 1, 4)	(1, 2, 4)	(1, 3, 4)	(1, 4, 4)	(2, 0, 4)	(2, 1, 4)	(2, 2, 4)	(2, 3, 4)	(2, 4, 4)
011															
010	(0, 0, 3)	(0, 1, 3)	(0, 2, 3)	(0, 3, 3)	(0, 4, 3)	(1, 0, 3)	(1, 1, 3)	(1, 2, 3)	(1, 3, 3)	(1, 4, 3)	(2, 0, 3)	(2, 1, 3)	(2, 2, 3)	(2, 3, 3)	(2, 4, 3)
001															
000	(0, 0, 2)	(0, 1, 2)	(0, 2, 2)	(0, 3, 2)	(0, 4, 2)	(1, 0, 2)	(1, 1, 2)	(1, 2, 2)	(1, 3, 2)	(1, 4, 2)	(2, 0, 2)	(2, 1, 2)	(2, 2, 2)	(2, 3, 2)	(2, 4, 2)
	(0, 0, 1)	(0, 1, 1)	(0, 2, 1)	(0, 3, 1)	(0, 4, 1)	(1, 0, 1)	(1, 1, 1)	(1, 2, 1)	(1, 3, 1)	(1, 4, 1)	(2, 0, 1)	(2, 1, 1)	(2, 2, 1)	(2, 3, 1)	(2, 4, 1)
	(0, 0, 0)	(0, 1, 0)	(0, 2, 0)	(0, 3, 0)	(0, 4, 0)	(1, 0, 0)	(1, 1, 0)	(1, 2, 0)	(1, 3, 0)	(1, 4, 0)	(2, 0, 0)	(2, 1, 0)	(2, 2, 0)	(2, 3, 0)	(2, 4, 0)

Y ADDRESS	000	001	010	011	100	000	001	010	011	100	000	001	010	011	100					
Z ADDRESS	000					001					010					011				

FIG.11

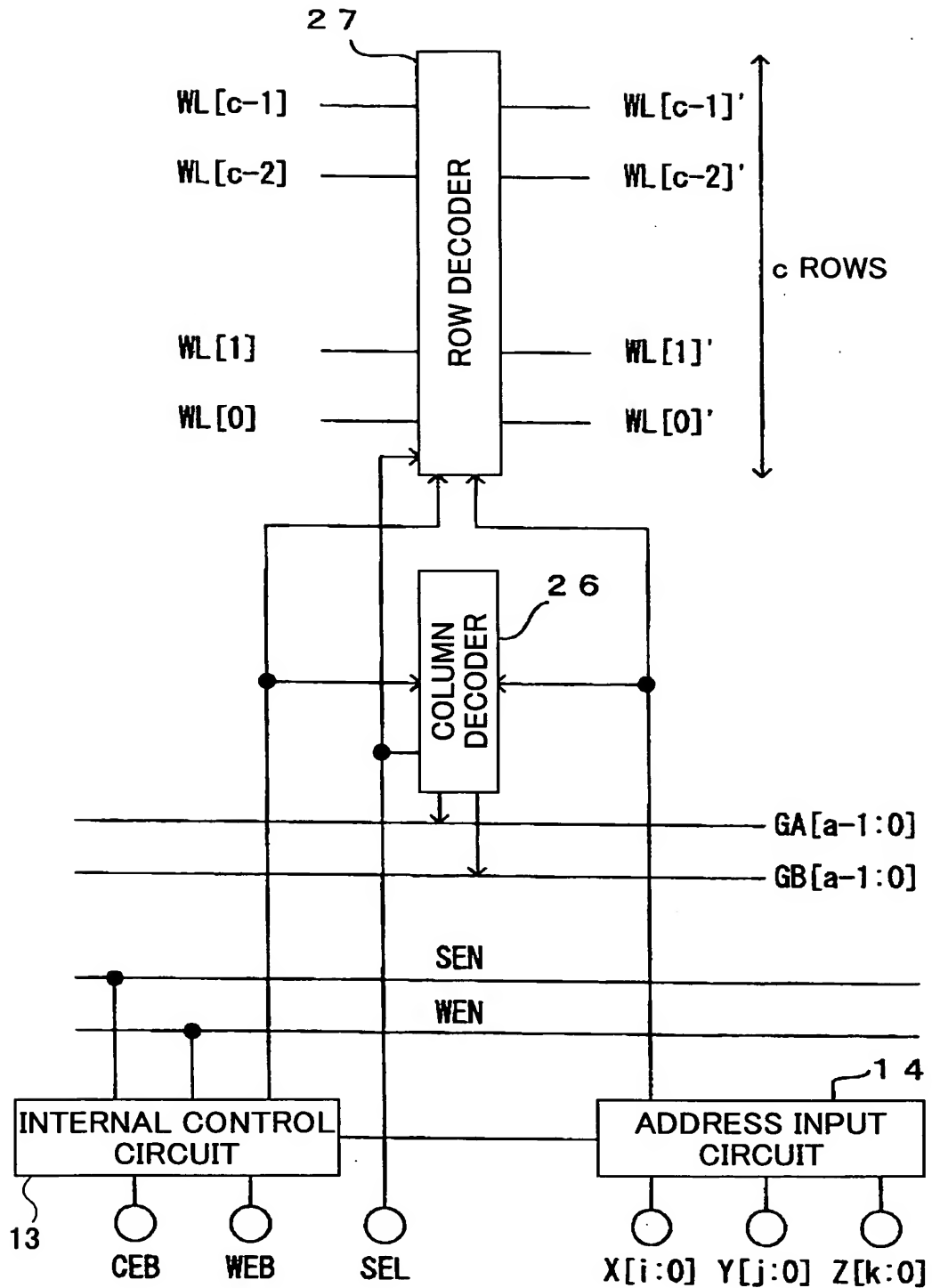


FIG.12

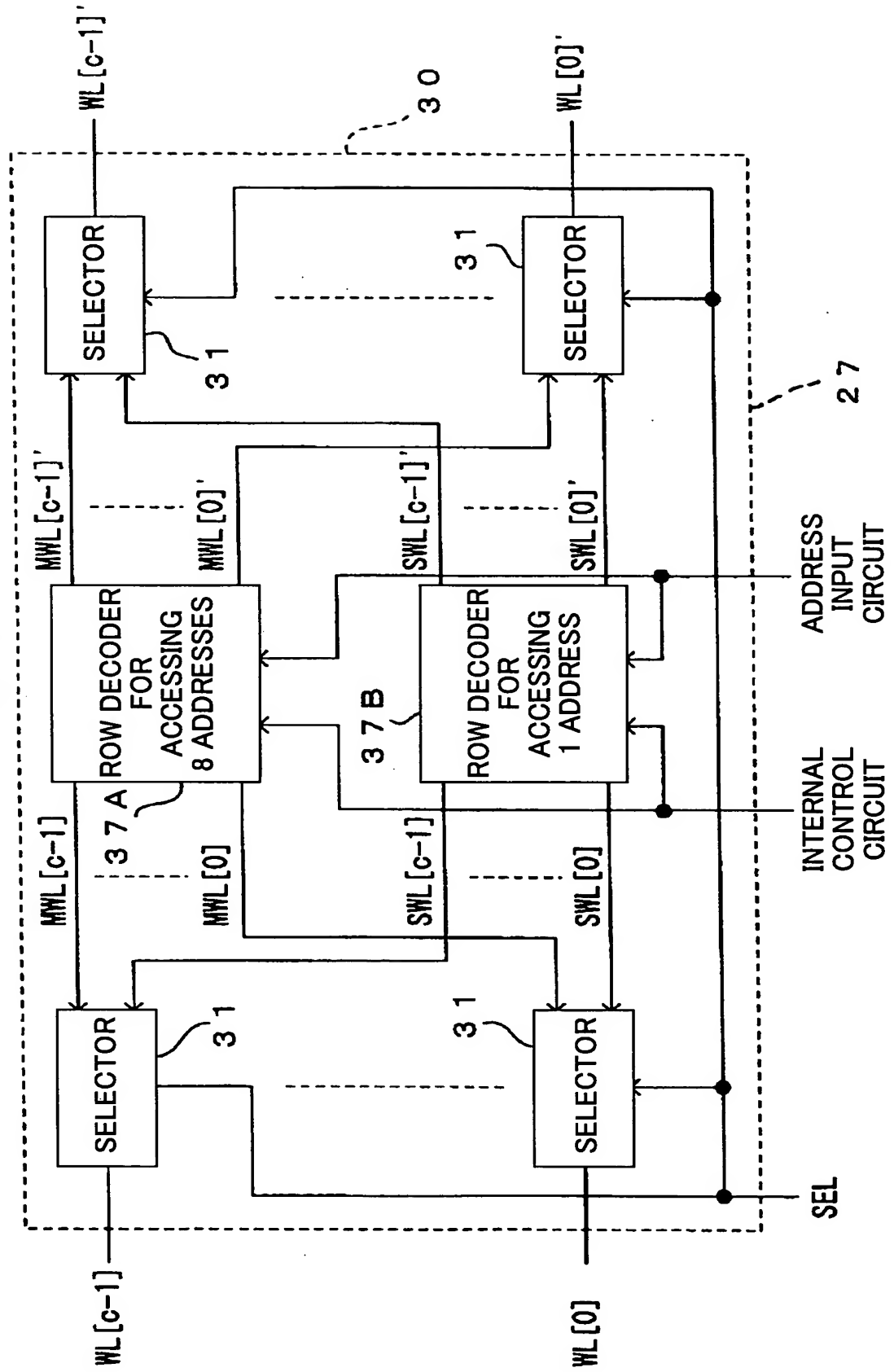


FIG.13

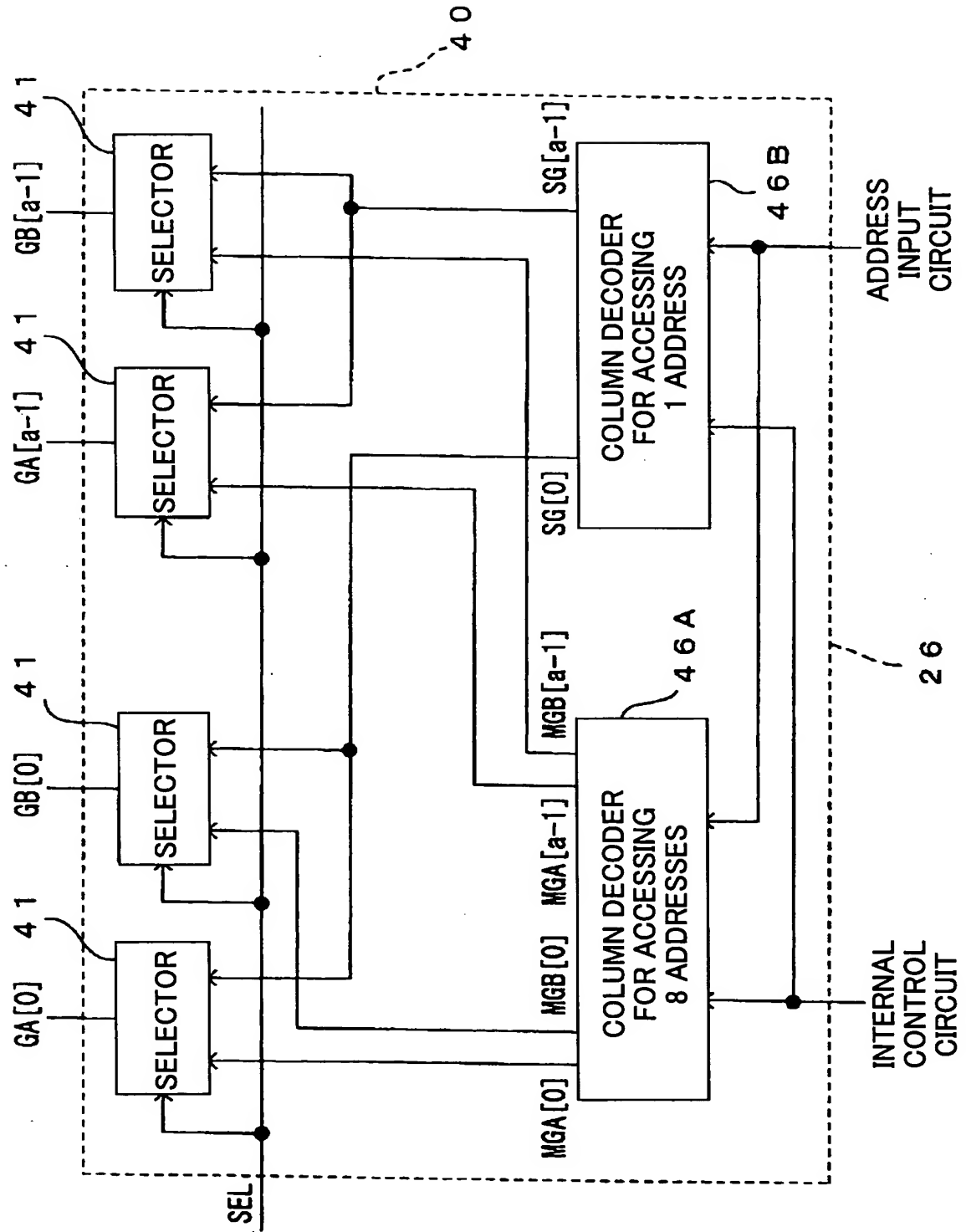


FIG. 14A

$(1, 2, 0)$	$(1, 2, 1)$	$(1, 2, 2)$	$(1, 2, 3)$	$(3, 2, 0)$	$(3, 2, 1)$	$(3, 2, 2)$	$(3, 2, 3)$	$(1, 3, 0)$	$(1, 3, 1)$	$(1, 3, 2)$	$(1, 3, 3)$	$(3, 3, 0)$	$(3, 3, 1)$	$(3, 3, 2)$	$(3, 3, 3)$
$(1, 0, 0)$	$(1, 0, 1)$	$(1, 0, 2)$	$(1, 0, 3)$	$(3, 0, 0)$	$(3, 0, 1)$	$(3, 0, 2)$	$(3, 0, 3)$	$(1, 1, 0)$	$(1, 1, 1)$	$(1, 1, 2)$	$(1, 1, 3)$	$(3, 1, 0)$	$(3, 1, 1)$	$(3, 1, 2)$	$(3, 1, 3)$
$(0, 2, 0)$	$(0, 2, 1)$	$(0, 2, 2)$	$(0, 2, 3)$	$(2, 2, 0)$	$(2, 2, 1)$	$(2, 2, 2)$	$(2, 2, 3)$	$(0, 3, 0)$	$(0, 3, 1)$	$(0, 3, 2)$	$(0, 3, 3)$	$(2, 3, 0)$	$(2, 3, 1)$	$(2, 3, 2)$	$(2, 3, 3)$
$(0, 0, 0)$	$(0, 0, 1)$	$(0, 0, 2)$	$(0, 0, 3)$	$(2, 0, 0)$	$(2, 0, 1)$	$(2, 0, 2)$	$(2, 0, 3)$	$(0, 1, 0)$	$(0, 1, 1)$	$(0, 1, 2)$	$(0, 1, 3)$	$(2, 1, 0)$	$(2, 1, 1)$	$(2, 1, 2)$	$(2, 1, 3)$

FIG. 14B

$x=0$	$x=1$	$x=2$	$x=3$	$x=0$	$x=1$	$x=2$	$x=3$	$x=0$	$x=1$	$x=2$	$x=3$
$y=2$	$y=2$	$y=2$	$y=2$	$y=2$	$y=2$	$y=2$	$y=2$	$y=3$	$y=3$	$y=3$	$y=3$
	$z=1$				$z=3$				$z=1$		
$y=0$	$y=0$	$y=0$	$y=0$	$y=0$	$y=0$	$y=0$	$y=0$	$y=1$	$y=1$	$y=1$	$y=1$
$y=2$	$y=2$	$y=2$	$y=2$	$y=2$	$y=2$	$y=2$	$y=2$	$y=3$	$y=3$	$y=3$	$y=3$
	$z=0$				$z=2$				$z=0$		
$y=0$	$y=0$	$y=0$	$y=0$	$y=0$	$y=0$	$y=0$	$y=0$	$y=1$	$y=1$	$y=1$	$y=1$

FIG.15

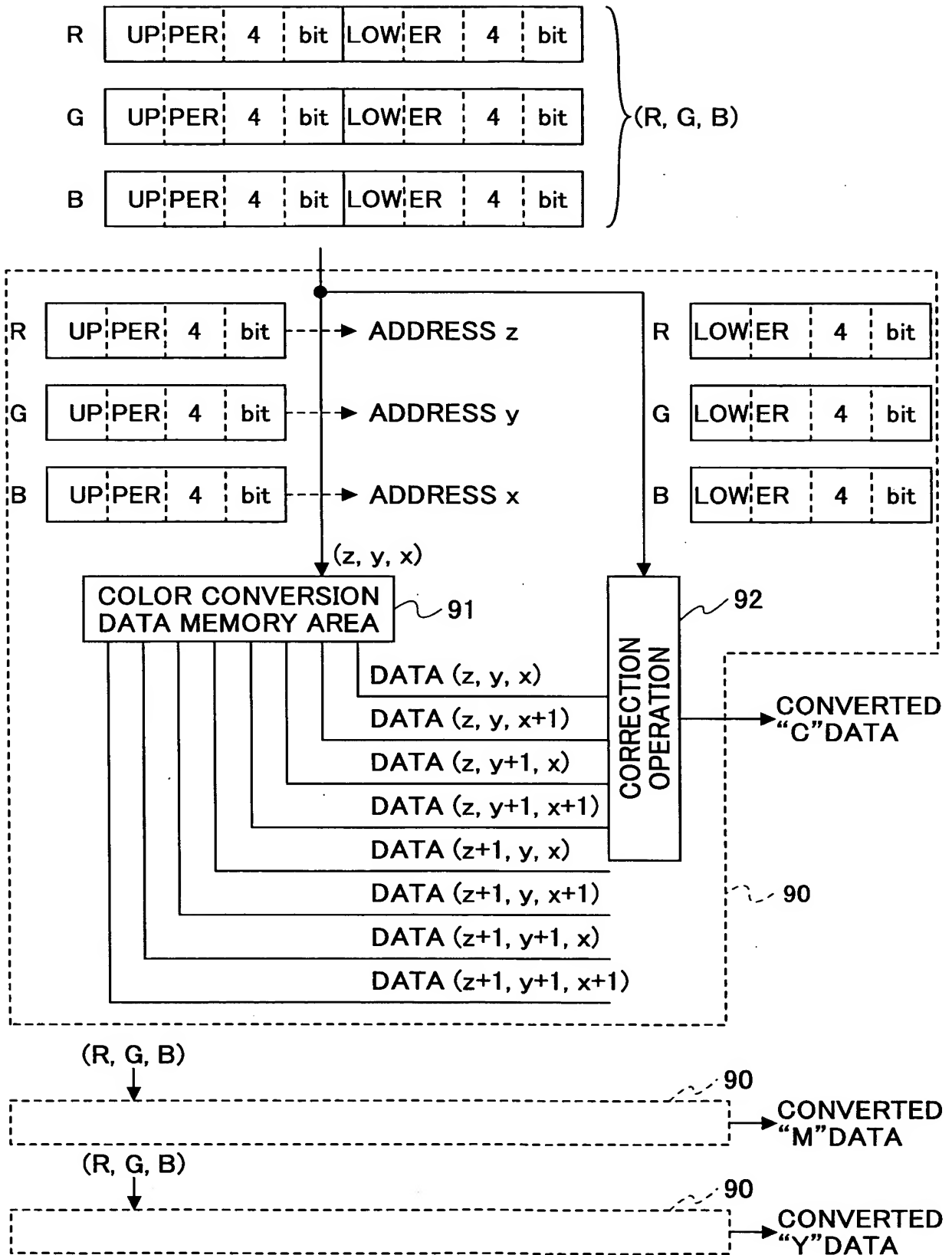


FIG.16

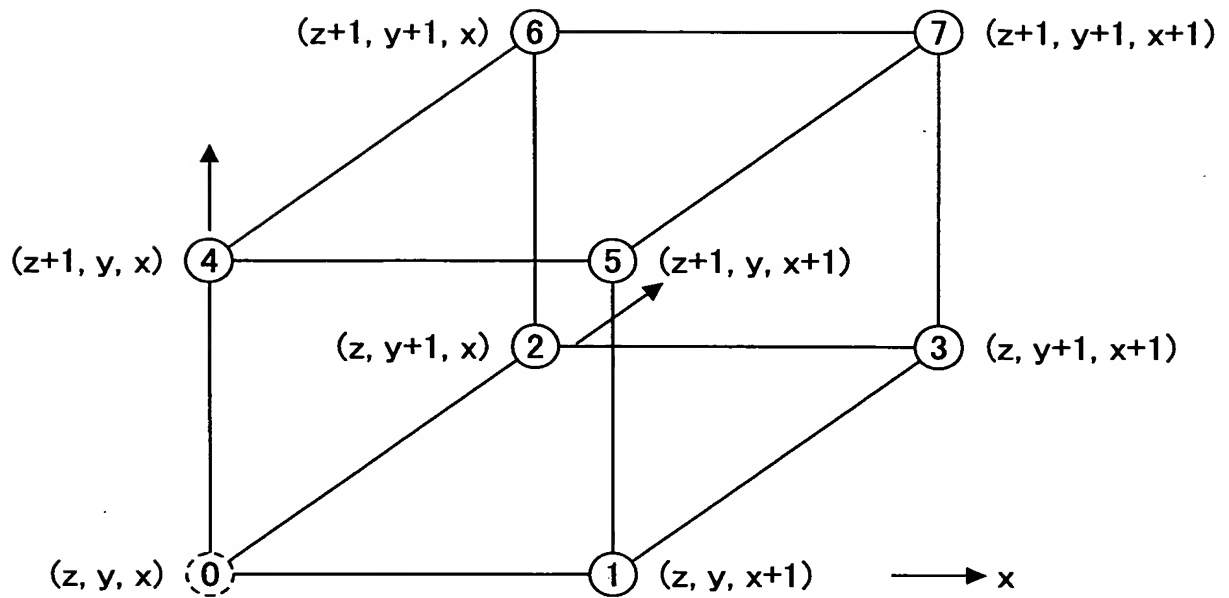
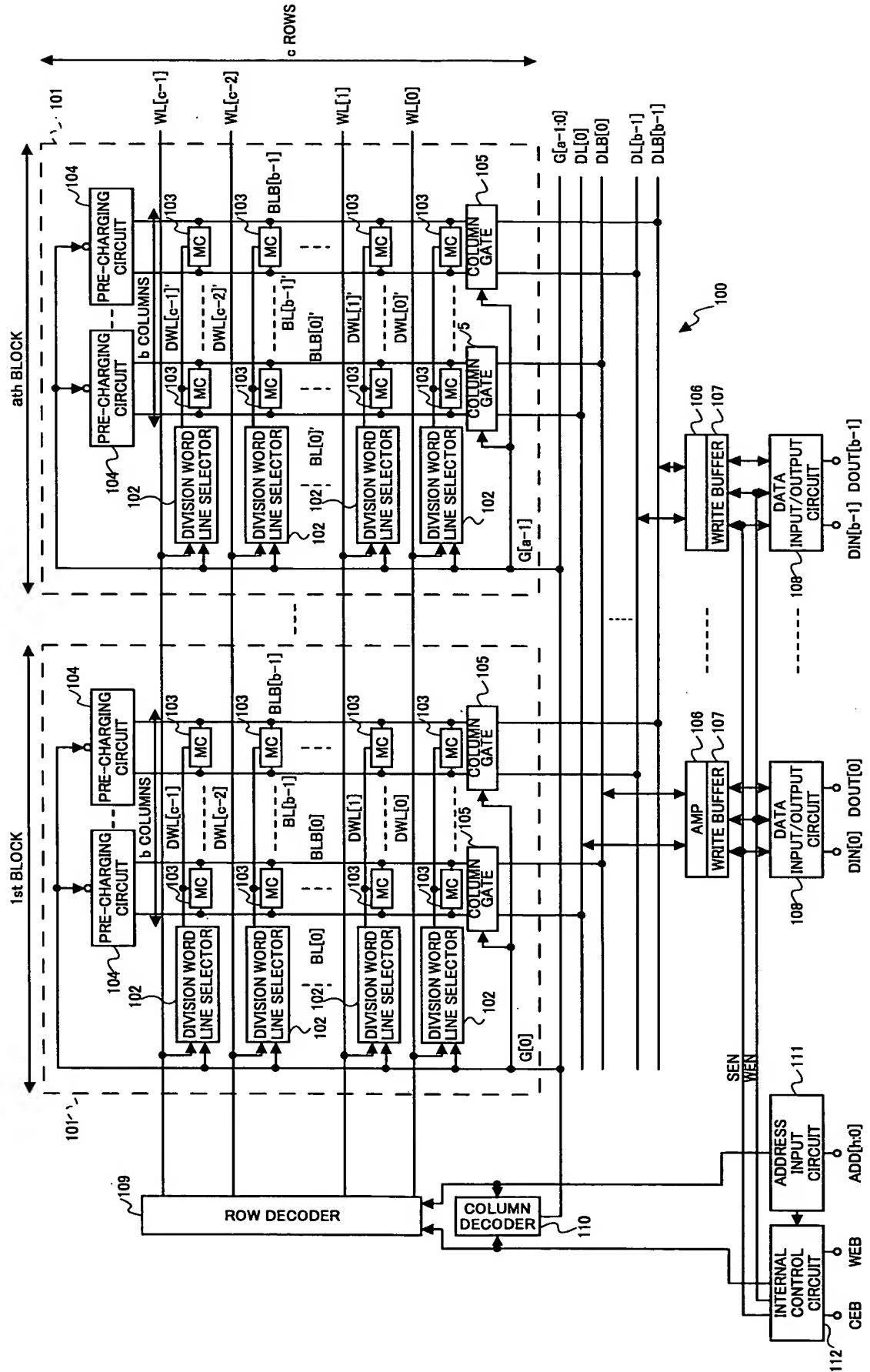


FIG.17



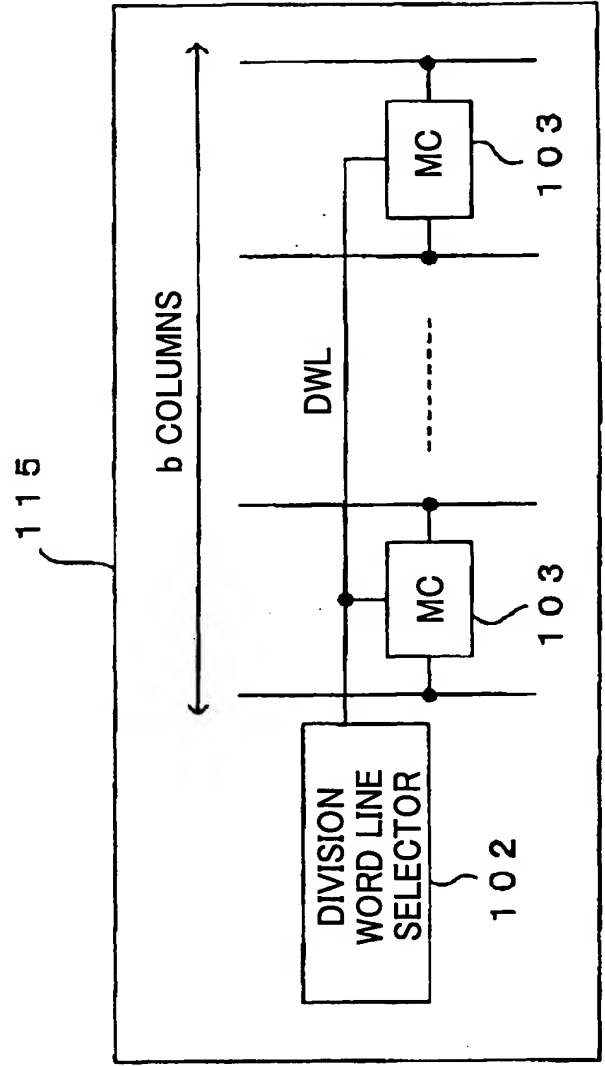
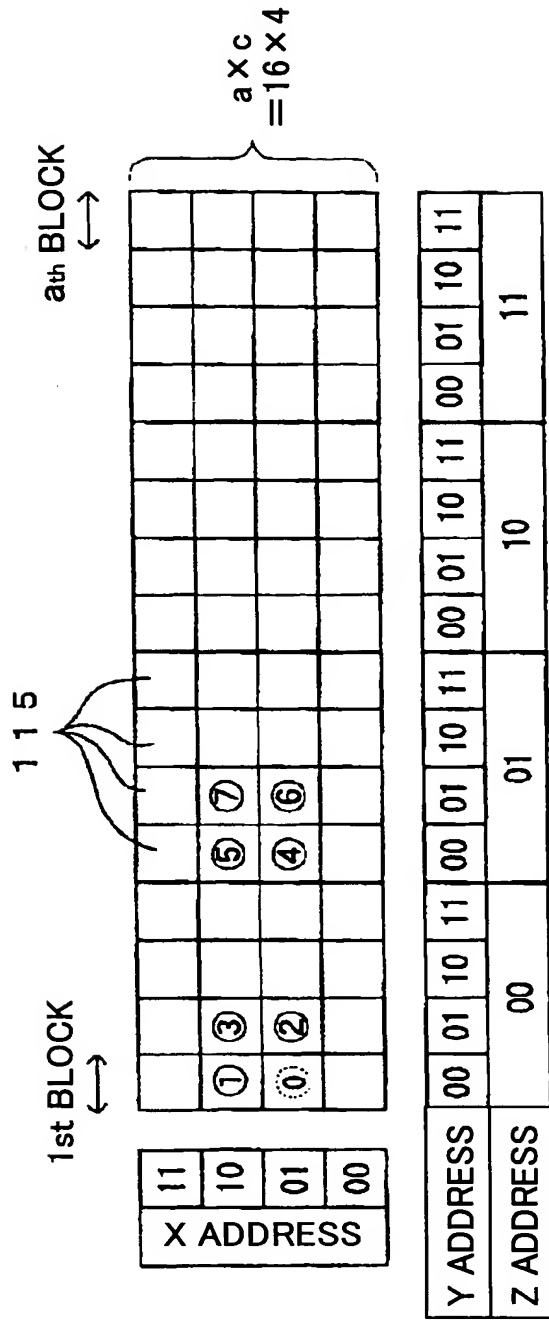


FIG. 18B

FIG. 19B

